



### UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231 www.uspto.gov

# NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

08/12/2002

Ms. Roseann B. Caldwell BENNETT JONES LLP 4500, 855 - 2nd Street S.W. Calgary, AB T2P 4K7 CANADA EXAMINER
SHAW, ELIZABETH ANNE
ART UNIT CLASS-SUBCLASS
3644 119-447000

DATE MAILED: 08/12/2002

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/774.883	02/01/2001	Robert W. Notenbomer	47092-3	3176

TITLE OF INVENTION: HOG FARMING PROCESS AND BARN

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$640	\$300	\$940	11/12/2002

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above. If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

B. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- ☐ Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

#### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Box ISSUE FEE

Commissioner for Patents Washington, D.C. 20231

Fax (703)746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

7590

8/12/2002

Ms. Roseann B. Caldwell BENNETT JONES LLP 4500, 855 - 2nd Street S.W. Calgary, AB T2P 4K7 CANADA

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Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above, or being facsimile transmitted to the USPTO, on the date indicated below.

ransmitted to the OSF TO, on the date maleated below.	
	(Depositor's name)
	(Signature)
	(Date)

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EXAMI	NER	ART UNIT	CLASS-SUBCLASS		
SHAW, ELIZABETH ANNE 3644		3644	119-447000		
CFR 1.363).	nce address or indication of "	·	2. For printing on the patent from the names of up to 3 registered or agents OR, alternatively, (2)	patent attorneys ) the name of a	
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.		

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

(A) IMME OF ASSIGNED	(b) RESIDENCE. (CIT I	(b) RESIDENCE. (CITT and STATE OR COOKTRY)				
Please check the appropriate assignee category or cate 4a. The following fee(s) are enclosed:	gories (will not be printed on the patent) 4b. Payment of Fee(s):	🔾 individual	☐ corporation or other private group entity	, 🚨 governmen		
☐ Issue Fee ☐ Publication Fee ☐ Advance Order - # of Copies	☐ A check in the amount ☐ Payment by credit card ☐ The Commissioner is h Deposit Account Number	l. Form PTO-2038 hereby authorized	s is attached. by charge the required fee(s), or credit any	overpayment, to		
Commissioner for Patents is requested to apply the Iss	tue Fee and Publication Fee (if any) or to re-	apply any previo	ously paid issue fee to the application identif	ied above.		
(Authorized Signature)  NOTE; The Issue Fee and Publication Fee (if requother than the applicant; a registered attorney or interest as shown by the records of the United States  This collection of information is required by 37 CF obtain or retain a benefit by the public which is to application. Confidentiality is governed by 35 U.S.C estimated to take 12 minutes to complete, including completed application form to the USPTO. Time vase. Any comments on the amount of time you suggestions for reducing this burden, should be ser Patent and Trademark Office, U.S. Department of CNOT SEND FEES OR COMPLETED FORMS Commissioner for Patents, Washington, DC 20231.  Under the Paperwork Reduction Act of 1995, no	agent; or the assignee or other parfy in Patent and Trademark Office.  FR 1.311. The information is required to file (and by the USPTO to process) and 1.122 and 37 CFR 1.14. This collection is gathering, preparing, and submitting the will vary depending upon the individual a require to complete this form and/or at to the Chief Information Officer, U.S. Commerce, Washington, D.C. 20231. DO S TO THIS ADDRESS. SEND TO:					
collection of information unless it displays a valid O	MB control number.					



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09/774,883	02	2/01/2001	Robert W. Notenbomer	47092-3	3176	
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Ms. Roseann B. Caldwell BENNETT JONES LLP 4500, 855 - 2nd Street S.W.				SHAW, ELIZABETH ANNE		
				ART UNIT	PAPER NUMBER	
Calgary, AB T2P	4K7			3644		
CANADA				DATE MAILED: 08/12/2002		

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The patent term adjustment to date is 0 days. If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the term adjustment will be 0 days.

If a continued prosecution application (CPA) was filed in the above-identified application, the filing date that determines patent term adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system. (http://pair.uspto.gov)



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Ms. Roseann B. C	5 W. W. W. C. L.		SHAW, ELIZABETH ANNE		
BENNETT JONES 4500, 855 - 2nd St			ART UNIT	PAPER NUMBER	
Calgary, AB T2P 4	K7		3644		
CANADA		I	DATE MAILED: 08/12/2002		

# Notice of Fee Increase on October 1, 2002

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2002, then the amount due may be higher than that set forth in the "Notice of Allowance and Fee(s) Due" since there will be an increase in fees effective on October 1, 2002. See Revision of Patent and Trademark Fees for Fiscal Year 2003; Notice of Proposed Rulemaking, 67 Fed. Reg. 30634, 30636 (May 7, 2002). Although a change to the amount of the publication fee is not currently proposed for October 2002, if the issue fee or publication fee is to be paid on or after October 1, 2002, applicant should check the USPTO web site for the current fees before submitting the payment. The USPTO Internet address for the fee schedule is: <a href="http://www.uspto.gov/main/howtofees.htm">http://www.uspto.gov/main/howtofees.htm</a>.

If the issue fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due," but not the correct amount in view of the fee increase, a "Notice to Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice to Pay Balance of Issue Fee," if the response to the Notice of Allowance and Fee(s) due form is to be filed on or after October 1, 2002 (or mailed with a certificate of mailing on or after October 1, 2002), the issue fee paid should be the fee that is required at the time the fee is paid. If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously paid issue fee should be paid. See Manual of Patent Examining Procedure, Section 1308.01 (Eighth Edition, August 2001).

Effective October 1, 2002, 37 CFR 1.18 is proposed to be revised to change the patent issue fees as set forth below. As stated above, the final fees may be a different amount, and applicant should check the web site given above when paying the fee.

(a) Issue fee for issuing each original or reissue patent, except a design or plant patent:

By a small entity (Sec. 1.27(a))--\$655.00 By other than a small entity--\$1,310.00

(b) Issue fee for issuing a design patent:

By a small entity (Sec. 1.27(a))--\$235.00 By other than a small entity--\$470.00

(c) Issue fee for issuing a plant patent:

By a small entity (Sec. 1.27(a))--\$315.00 By other than a small entity--\$630.00

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

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	Application N	0.	Applicant(s)	
	09/774,883		NOTENBOMER, RC	BERT W.
Notice of Allowability	Examiner		Art Unit	
	Elizabeth A. Sl	naw	3644	
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.31	S (OR REMAINS) 5) or other approp RIGHTS. This ap 3 and MPEP 130	CLOSED in this appriate communication plication is subject to 8.	plication. If not include will be mailed in due	ed course. <b>THIS</b>
<ol> <li>This communication is responsive to the arguments and a part of the allowed claim(s) is/are 1-46.</li> <li>The allowed claim(s) is/are 1-46.</li> <li>The drawings filed on May 3, 2001 are accepted by the E part of the part o</li></ol>	xaminer.			
1.  Certified copies of the priority documents hav				
<ol> <li>Certified copies of the priority documents hav</li> <li>Copies of the certified copies of the priority do</li> <li>International Bureau (PCT Rule 17.2(a)).</li> </ol>		· · ·		ion from the
* Certified copies not received:  5. Acknowledgment is made of a claim for domestic priority to (a) The translation of the foreign language provisional  6. Acknowledgment is made of a claim for domestic priority to	application has b	een received.	ional application).	
Applicant has THREE MONTHS FROM THE "MAILING DATE" of below. Failure to timely comply will result in ABANDONMENT or				
7.  A SUBSTITUTE OATH OR DECLARATION must be subliNFORMAL PATENT APPLICATION (PTO-152) which gives rea				IOTICE OF
<ul> <li>8.  CORRECTED DRAWINGS must be submitted.</li> <li>(a) including changes required by the Notice of Draftspe</li> <li>1) hereto or 2) to Paper No.</li> <li>(b) including changes required by the proposed drawing</li> <li>(c) including changes required by the attached Examine</li> </ul>	g correction filed	, which has b	een approved by the E	
Identifying indicia such as the application number (see 37 CFR of each sheet. The drawings should be filed as a separate pape	1.84(c)) should be	written on the drawi	ngs in the top margin (r	ot the back)
9. DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT FOR				Note the
Attachment(s)				
<ul> <li>1 ☐ Notice of References Cited (PTO-892)</li> <li>3 ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)</li> <li>5 ☐ Information Disclosure Statements (PTO-1449), Paper No. 7 ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material</li> </ul>	<u>8</u> . 6	I□ Interview Summ □ Examiner's Ame	al Patent Application ( nary (PTO-413), Paper endment/Comment ement of Reasons for	No
		Charl CI SUPERV	HARLES T. JORDAN ISORY PATENT EXAM	MIER

U.S. Patent and Trademark Office PTO-37 (Rev. 04-01) TECHNOLOGY CENTER 3600 of Paper No. 9